

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: DECEMBER 19, 1994

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

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DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 7

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

EPA Region 5 Records Ctr.



247980

1. SITUATION:

- A. Consolidation of drummed materials into compatible waste streams is nearing completion. Only 2 waste groups remain to be consolidated. Crew is preparing site for holiday demobilization.
- B. Site has remained secure. SDI security providing 24 hr. armed guard service. No site related problems to report to date.
- C. Weather: Temperatures have been in the upper 20's to the mid 30's, with rain earlier in the week. Weather expected to remain mild thru the Christmas holiday.

2. ACTIONS TAKEN:

- A. Analytical results of composite samples for the base/neutral liquids, caustic liquids, flammable liquids, and flammable solids were received 12/14. Acid solid results received 12/16. All groups have now been fully characterized for disposal acceptance.
- B. Consolidation of liquid waste streams into bulk tanks and drums winding down; flammable liquids completed 12/12, and flammable solids were bulked between 12/12-15.
- C. A drum grapppler attachment for the bobcat was mobilized to the site 12/12, to assist in bulking drummed base/neutral solid material into rolloff boxes. Continued consolidation of wastes created additional space to place 2-rolloff boxes inside bldg on 12/13, to facilitate bulking of base/neutral solid wastes. Consolidation began 12/16, and the first box was filled 12/17. The second box remains at 40% capacity. Shipped first box 12/19, to Environmental Quality's, Wayne-Canton, MI, facility for special burial.
- D. Disposal underway: shipped 20 yd³ of chromium contaminated debris to Chem-Met Services on 12/13. Total of 108 cubic yards disposed of to date. On 12/15, 1-drum (approximately 60

lbs.) of cyanide solid material was transported by Clean Harbors to their Stony Island, IL, facility for treatment and disposal.

- E. Representative samples and waste characterization reports of the aluminum paste and nickel liquids were shipped to potential treatment and disposal facilities on 12/14, and 12/15, for fuels blending and reclamation respectively.
- F. TAT continued to provide daily air monitoring for volatile organic compounds, CO, and flammable vapor on a periodic basis during consolidation activities. Levels of organic vapors remained high throughout bulking of flammable liquids and solids. On 12/17, levels dropped significantly enough to allow crew to downgrade to Level C protection.
- G. On 12/16, the forklift operator damaged the valve and cracked the poly tank containing pooled floor liquids. This waste stream contains approximately 100 ppm Cr⁶⁺. The tank and valve were stabilized 12/16, to reduce leakage. A 4,000 gal poly tank was delivered 12/17, and the damaged tank contents transferred. Concrete berm placed 12/9, was found to be ineffective, as liquid was observed migrating from the bldg.'s SE overhead door. Additional concrete placed along exterior of door to prevent release. The remaining pooled liquids on the floor of the bldg, as a result of heavy rains earlier last week, was pumped to the poly tank on 12/17, and 12/19.
- H. Begin decontamination of equipment for holiday demobilization. Forklift, bobcat, and miscellaneous equipment to be demobed over the holiday. Equipment to be demobed 12/19, and will be brought back upon mobilization.

3. PLANS:

- A. Full day's activities are planned for 12/19. Complete decontamination of equipment and tools for demobilization 12/19. Equipment to be picked up 12/19 pm. Site to be secured for holiday demobe 12/19. RES crew to be demobilized 12/20 to 1/3/95, for the holidays.
- B. Complete consolidation of base/neutral solids and caustic sludges week of 1/6/95. Caustic sludges to be repackaged into DOT approved drums for T&D. Continue to ship rolloff boxes of base/neutral solids and chromium contaminated debris.
- C. Ship samples and waste characterization reports of flammable liquids and solids, base/neutral liquids, and caustic liquids the week of 12/23. Awaiting approvals for acid liquid, nickel liquid, and aluminum paste waste streams. Expect to have all approvals in place when site is re-mobilized on 1/4/95.
- D. SDI security services to remain on-site 24 hrs./day during holiday demobe. TAT to provide twice a week drive by's to verify security and ensure site stabilization.
- E. Continue open lines of communication with local City and State officials.

4. KEY ISSUES:

- A. PRPs received "draft" consent order to remove and dispose of chromic acid and sludge waste streams. Approximately 5,000 gal of chromic acid has been consolidated. Sludge to be consolidated after 1/4/95. ORC attorney working out finer details on Order language. PRPs wish to send this material to EMETCO, in Elwood City, PA, for treatment and disposal. Expect to complete this activity by the third week in January '95.

5. COSTS:

A. Case open;

B. Costs through 12/16/94;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 540,000	\$ 317,792.69	\$ 222,207.31
TAT	108,000	69,139.78	38,860.22
USEPA-DIR	29,700	13,860.00	15,840.00
USEPA-INDR	54,900	28,139.70	26,760.30
TOTALS	\$ 732,600	\$ 428,932.17	\$ 303,667.83

END